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CENTRAL INTELLIGENCE AGENCY

REPORT NO. [REDACTED]

INFORMATION REPORT

CD NO.

COUNTRY Czechoslovakia

DATE DISTR. 10/7 1948

SUBJECT Military Technical Institute: Testing of Pruning Powder for Rockets; Samples of Powder

NO. OF PAGES 1

PLACE ACQUIRED [REDACTED]

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NO. OF ENCL. (LISTED BELOW)
1. Drawings . . SR
2. Exhibits I & II
(Gunpowder samples sent to Army only)

DATE OF I

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SUPPLEMENT TO REPORT NO.

1. Staff Captain Grosman at the Military Technical Institute (VJU), Podmokly, is experimenting with a new kind of gunpowder. This gunpowder is poured into paper jars which are dried in electrically heated drying kilns. After hardening, the powder is taken out and sent to the workshop where it is turned into small cylinders, which are insulated with fire-proof material except on top and bottom (see attached drawing A).

2. Tests are carried out as follows:

a. During each experiment about 30 gunpowder cylinders are tested. The powder cylinders are inserted in the testing apparatus (see attached drawing B). During tests it sometimes happens that the whole rear jet attachment is blown off.

b. These experimental gunpowder cylinders are also being manufactured in the explosives plant at Semtin. [REDACTED] the VJU in Podmokly had 70 of them at its disposal. After tests are completed, they are to be used in rockets.

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3. Exhibits I and II contain samples of the gunpowder. The sample in Exhibit II is of more recent origin and is considered to be of better quality than that in Exhibit I.

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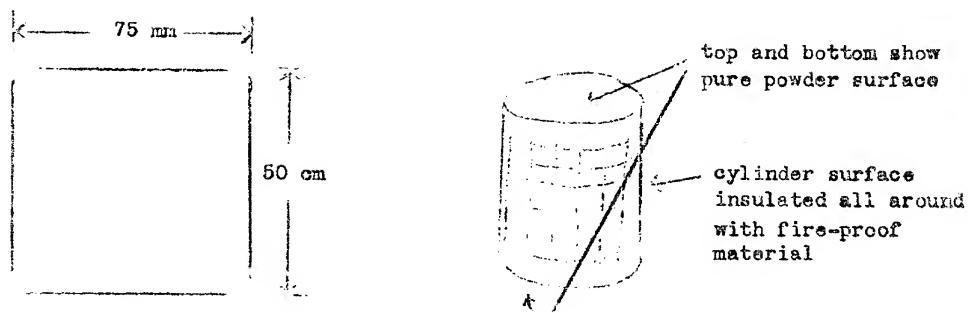
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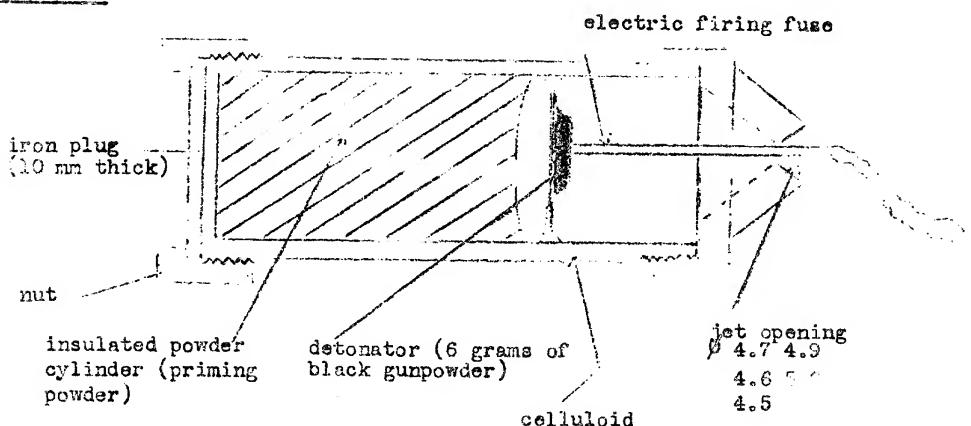
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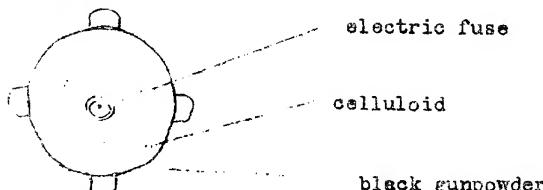
DRAWING A *



DRAWING B



DETONATOR



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[redacted] not furnished sufficient information to enable us to judge which (if either) of the figures in the lefthand portion of Drawing A (75 mm, 50 cm) is incorrect.

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